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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/576,117

04/18/2006

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10/27/2010

EXAMINER

DEXTER, CLARK F

ART UNIT

PAPER NUMBER

3724

MAIL DATE

DELIVERY MODE

10/27/2010

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/576,117	Applicant(s) BOHNE, ULRICH	
	Examiner Clark F. Dexter	Art Unit 3724	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 August 2010.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) 7, 11 and 12 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6 and 8-10 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 18 April 2006 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☒ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. The amendments filed on June 21, 2010 and August 3, 2010 have been entered.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-6 and 8-10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Treace, pn 2,557,364 in view of any one or all of Paulus, pn 4,210,050, Johnson et al., pn 4,615,119, and Wurst, PG Pub. No. 2002/0104421.

Treace discloses a tool unit (e.g., see Figure 5) with almost every structural limitation of the claimed invention including:

a fastening means (e.g., at 21) for attachment to the output unit;

a working edge (e.g., 24) having a first end and a second end opposite the first end;

a first lateral boundary line (e.g., the edges extending radially from 24; or any line, which by definition is imaginary, that extends from the working edge),

wherein the working edge transitions at the first end into the first lateral boundary line and forms with the first lateral boundary line at the first end a cutting angle of less than or equal to 95 degrees,

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wherein the working edge is arc-shaped, and

wherein the working edge extends with respect to a center of the fastening means over an angle being between 30° and 270° ;

[claim 2] wherein the arc-shaped working edge is constituted by the circumference of a circle around whose center point the fastening means is situated;

[claim 9 (from 2)] further comprising a second lateral boundary line, wherein the working edge is constituted by the circumference of a circle segment, wherein the second end of the working edge transitions into the second lateral boundary line, wherein the second lateral boundary line extends in a second radial direction, wherein the fastening means is constituted by an aperture, wherein the first lateral boundary line comprises at least a straight part (e.g., note that a line is imaginary);

[claim 3] wherein the working edge transitions at the second end into a second lateral boundary line, the working edge forming with the second lateral boundary line an angle of less than or equal to 95° (e.g., the radially extending edges of the blade and/or any boundary line that can be drawn that meets this limitation);

[claim 4] wherein the working edge is constituted by a sector of a circle concentric with the fastening means and transitions at the second end into a second lateral boundary line;

[claim 5 (from 4)] wherein the second lateral boundary line which extends from said working edge in a second radial direction with respect to the center;

[claim 6 (from 5)] wherein the first and second boundary lines are connected to each other by means a connecting contour (e.g., the inner portion of the tool unit);

[claim 10 (from 6)] wherein the fastening means is constituted by an aperture;

[claim 8] wherein the working edge is provided with saw teeth.

Treace lacks:

[from claim 1] wherein the first lateral boundary line is a straight edge; and

[from claim 5] wherein the second lateral boundary line is a straight edge.

However, the Examiner takes Official notice that such straight edge configurations are old and well known in the art and provide various well known benefits including simpler design and manufacture as well as other known saw characteristics. Examples of such a straight edge configuration are disclosed by Paulus (e.g., at 27, 28 in Fig. 3), Johnson et al. (e.g., see Fig. 1), and Wurst (e.g., at 32, 34 in Fig. 1). Therefore, it would have been obvious to one having ordinary skill in the art to provide such straight edges on the saw of Treace to gain the well known benefits including those described above.

Response to Arguments

4. Applicant's arguments with respect to the claims have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Clark F. Dexter whose telephone number is (571)272-4505. The examiner can normally be reached on Mondays, Tuesdays, Thursdays and Fridays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Boyer D. Ashley can be reached on (571)272-4502. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

**/Clark F. Dexter/
Primary Examiner, Art Unit 3724**

cfd
October 25, 2010